

# ABSTRACT

The present invention relates to all facets of novel polynucleotides, the polypeptides  
5 they encode, antibodies and specific binding partners thereto, and their applications to  
research, diagnosis, drug discovery, therapy, clinical medicine, forensic science and  
medicine, etc. The polynucleotides are modulated during angiogenesis and are therefore  
useful in variety of ways, including, but not limited to, as molecular markers, as drug targets,  
and for detecting, diagnosing, staging, monitoring, prognosticating, preventing or treating,  
10 determining predisposition to, etc., diseases and conditions, determining predisposition to,  
etc., diseases and conditions, such as abnormal, insufficient, excessive, etc., angiogenesis,  
inflammatory diseases, rheumatoid arthritis, osteoarthritis, asthma, pulmonary fibrosis, age-  
related macular degeneration (ARMD), diabetic retinopathy, macular degeneration, and  
retinopathy of prematurity (ROP), endometriosis, cancer, Coats' disease, peripheral retinal  
15 neovascularization, neovascular glaucoma, psoriasis, retrolental fibroplasias, angiofibroma,  
inflammation, etc.